

20/560481

PATENT

INVENTION PCT/PTO 12 DEC 2005

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

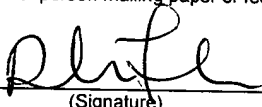
Docket No.: POTORADI-2

In re Application of:)
DETLEF POTORADI)
Int. Appl. No.: PCT/EP2004/005937)
Int. Filing Date: June 2, 2004)
For: PERMANENT-MAGNET EXCITED SYNCHRONOUS MOTOR)

INFORMATION DISCLOSURE STATEMENT

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

SIR:

Express Mail mailing label number: EV 626144900 US
Date of Deposit: December 12, 2005
I hereby certify that this paper or fee is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and is addressed to the Assistant Commissioner for Patents, Washington, D.C. 20231.
ANTONELLA FUSILLO
(Name of person mailing paper or fee)

(Signature)

In accordance with 37 C.F.R. 1.56, applicant wishes to call the attention of attention of the Examiner to the references listed on enclosed form PTO-1449 which were cited in the instant specification and in the International Search Report issued by the European Patent Office with regard to the corresponding International patent application No. PCT/EP2004/005937, respectively. Applicant does not admit that any of the cited documents constitutes prior art against the pending application.

Copies of these references are submitted herewith along with form PTO-1449. The Examiner is requested to initial the attached form PTO-1449 and to return a copy of the initialed document to the undersigned as an indication that the attached references have been considered and made of record.

- ☐ This Information Disclosure Statement is filed within three months of the filing date of a national application other than a continued prosecution application under 1.53(d), so that no fee under 37 C.F.R. §1.97 is due.
- ☒ This Information Disclosure Statement is filed within three months of the date of entry of the national stage as set forth in 1.491 in an international application, so that no fee under 37 C.F.R. §1.97 is due.
- ☐ This Information Disclosure Statement is filed before the mailing of a first Office Action on the merits, so that no fee under 37 C.F.R. §1.97 is due.
- ☐ This Information Disclosure Statement is filed before the mailing of a first Office Action after the filing of a request for continued examination under §1.114, so that no fee under 37 C.F.R. §1.97 is due.
- ☐ This Information Disclosure Statement is filed after the issuance of a first office but before issuance of a final action under §1.113, or a notice of allowance under §1.311.
- ☐ This Information Disclosure Statement is submitted after the mailing of a final action or a notice of allowance, but before payment of the issue fee.
- ☐ The undersigned submits the following statement requesting consideration of this statement:

The undersigned hereby states:

- ☐ That each item of information contained in the information disclosure statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of the information disclosure statement;
- ☐ That no item of information contained in the information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the person signing the statement after making reasonable inquiry, no item of information contained in the information disclosure statement was known to any individual designated in §1.56(c) more than three months prior to the filing of the information disclosure statement.
- ☐ The fee of \$180.00 set forth in 1.17(p).
- ☐ The Commissioner is hereby authorized to charge the fee as set forth in 1.17(p), and any additional fees which may be required, or credit any overpayment to Deposit Account No. 06-0502.
- ☒ The Commissioner is hereby authorized to charge any fees which may be required, or credit any overpayment to Deposit Account No. 06-0502.

In order to satisfy the requirement under 37 C.F.R. §1.98(a)(3) for a concise explanation of the relevance of each item of information, applicant herewith submits a copy of the International Search Report. In addition, applicant notes with respect to any information that is not in English language as follows:

European Patent No. EP 0 545 0620 corresponds to U.S. Pat. No. 5,323,077 to Brandes of which a copy is enclosed.

Publication "Reduzierung von Reluktanzmomenten" addresses the phenomenon of reluctance torque through modification of the motor design, whereby the stack of laminations of the stator are crossed to attain a slot pitch τ_N , when magnetization is the same in all areas of the entire magnetic rotor zone.

The above-identified application discloses and claims an invention patentable over this prior art.

Entry of the references above set forth into the file of the above application is believed to be in order and is respectfully requested.

Respectfully submitted

By: 

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Form PTO-1449

U.S. Department of Commerce
Patent and Trademark Office

INFORMATION DISCLOSURE CITATION

Attorney's Docket No. POTORADI-2	Applicant DETLEF POTORADI	Int. Appl. No. PCT/EP2004/005937
Int. Filing Date June 2, 2004	Group	Examiner

U.S. PATENT DOCUMENTS

Examiner Initial	Document Number	Date	Name	Class	Subclass	Filing Date, if appropriate
	5,220,228	06-15-1993	Sibata			
	2002/0003382	01-10-2002	Nakano et al.			
	5,323,077	06-21-1994	Brandes			

FOREIGN PATENT DOCUMENTS

	Document Number	Date	Country	Class	Subclass	Translation
	JP 2000 134893	05-12-2000	Japan			abstract
	EP 0 545 060	04-26-1995	Europe			claims
	EP 0 409 661	01-23-1991	Europe			yes

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

		Zhu Z Q et al.: "Influence of Design Parameters on Cogging Torque in Permanent Magnet Machines", IEEE Transactions of Energy Conversion, IEEE Inc. New York, US, vol. 15, no. 4, December 1, 2000, pages 407-412, XP002206342, ISSN: 0885-8969
		Jürgen Draeger, Meschede, "Reduzierung von Reluktanzmomenten", F&M 103, (1995) 7-8, Carl Hanser Verlag, Munich, pages 433-436

Examiner:

Date considered:

*Examiner: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.